

FOLIO

UNIVERSITY OF ALBERTA
14 MAY 1993

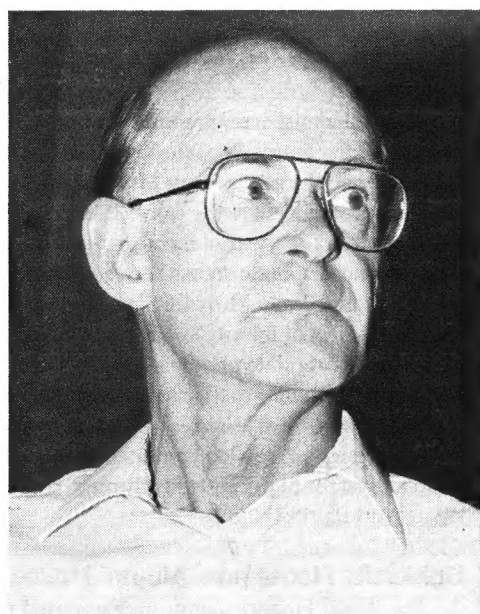


INSIDE

- Elaine Geddes' mission is to improve the undergraduate experience in Business
- Rehabilitation Medicine gets PhD program
- Peter Miller trumpets student services

Faculty agreement endorsed by AAS:UA and University

AAS:UA President Rod Wilson says the agreement represents continuation of cooperative spirit between the two parties



Vice-President (Academic) John McDonald

The Association of Academic Staff and the University administration are both aware of the longstanding tradition of cooperation in making changes to the Faculty Agreement, says AAS:UA President Rod Wilson.

"The process has been able to continue despite a change of personnel, and there is an ethos of cooperation that has been established. I would suggest that the most important thing about the agreement is not any one of the individual clauses, but the fact that the process continues to work. This is the first major rewrite in a number of years."

Vice-President (Academic) John McDonald said, "No negotiated agreement satisfies everyone, but I believe our University is particularly fortunate to have individuals who have worked effectively and cooperatively to achieve an agreement."

"Our past agreement and the present agreement have been and continue to be the envy of my counterparts at universities across the country," the Vice-President said.

Following on the heels of his membership's endorsement of the amendments, Dr Wilson said, "It's a hopeful sign that the institution continues to revitalize itself."

"The staff association and administration continue to be able to sit down and address common concerns and problems. The U of A is unusual in that regard across Canada, and the administration and staff association are aware of that fact and work hard to maintain that relationship."

Dr McDonald said, "It gives this University a much better atmosphere and allows us to focus on the needs of students, particularly when it's obvious that both sides want this place to work well."

Dr Wilson hastened to add, however, that "there are pressures driving us toward more

confrontational approaches. There are no guarantees it [the cooperative working relationship] will last."

The new Faculty Agreement represents four years of negotiations and will govern relations between the University and faculty. The language and clarity of the document have been improved and related clauses have been brought together. The agreement does not deal with current salary negotiations, which have traditionally been separated out of this agreement.

"We have separated salary negotiations [which are still under way] from working conditions, and we believe our experience demonstrates that that is a wise thing to do," Dr Wilson said.

"When the 0(d) clause came in under the old article 12, it was really innovative and a dramatic change. I don't think we've done anything quite that dramatic here, although for some people the fact that, in most cases, tenure and promotion to associate professor are now linked [could be considered] a fairly substantial change."

The amended agreement also includes changes related to leaves that take into account the requirements of the recent decision by the Supreme Court of Alberta. "One of our priorities was to get maternity leave clauses extended over time and application. It's now a parental leave, and not just a maternity leave—and that's something we feel good about. We negotiated the clause and then the

Parcels Case came along and said we had to do it," explained Dr Wilson.

"In effect, what we've done is stacked our provisions with UIC, so that it's not costing the University any more under the new program than it did under the old one," he said.

On probation and tenure, the normal first probationary period has been increased from three to four years, followed by a possible two-year extension. Dr Wilson said, "The idea is that in a tight-money period, this simply gives the candidate, the department and fac-

"Our past agreement and the present agreement have been and continue to be the envy of my counterparts at universities across the country."

John McDonald

ulty more time to be sure before that first decision is made. And it gives the candidate an extra year to demonstrate that he or she is worthy and the University more time to make the judgment."

Dr McDonald said the provision will allow the University to improve an already good system, by ensuring that there's adequate time to consider carefully those people who end up being granted tenure.

A single faculty evaluation committee will make tenure, promotion and increment deci-

sions, but the FEC may delegate tenure decisions to a subcommittee. "Where that doesn't happen, you'll have the same group of people doing year-by-year evaluations of the person, and then making a tenure decision. We felt there was a strength there, providing additional continuity in the judgment and evaluation process," Dr Wilson said.

"In the old procedures, the tenure committee was largely a departmental committee. In the new procedures, if it's the FEC, it's overwhelmingly a Faculty committee, so you're shifting the decisionmaking centre from the department to the Faculty," he explained. "Not everyone agreed that would be a good thing to do, but the agreement allows Faculties that would rather centre it in the departments, to continue to do it that way."

Dr McDonald said, "The faculty evaluation committee, with broad representation, will render even-handed and careful decisions, and will indicate that the award of tenure is something of real value at this University. This gives us the opportunity to consider people on the basis of faculty-wide standards, and they will be applied more evenly."

On the agreement's section dealing with unacceptable academic performance, Dr McDonald said, "None of us like to focus on how to deal with situations where a faculty member may not be performing adequately. But I think it's so much to the credit of both parties to this agreement that we're prepared to

Continued on page 3

University of Alberta awarded \$11.2 million by Medical Research Council of Canada

Biomedical researchers at U of A pumping over \$40 million annually into local economy

Medical scientists at the University of Alberta have been awarded Medical Research Council of Canada awards of more than \$11.2 million over three years.

This year, the largest number of MRC Scholarships—seven of the 39 awarded in Canada—went to individuals at the University of Alberta. In addition, two of 14 MRC Scientist awards were won.

Ten years ago, the Faculty of Medicine's percentage of the MRC budget was 3.5 percent; it's now 6.1 percent.

The funding, which includes research grants and training awards, is part of a major \$175 million, three-year grants package awarded to Canadian scientists at universities, institutes and hospitals.

MRC President Henry Friesen said, "These grants have been awarded to outstanding biomedical scientists across Canada whose research is directed toward a better under-

standing of disease, its cure and prevention and improving the health of all Canadians."

According to the Faculty of Medicine's Associate Dean (Research), Joel Weiner, the funding from MRC represents a "good, average year. This is about what we would expect."

"What was particularly pleasing this year was that we did much better in the new grants competition than we had in previous years," said Dr Weiner. "Our percentage success in the new grants competition was the highest in Canada. In the renewals we were about average."

"The total of over \$11 million between the three and five years fits in with our overall expectations of receiving about \$40 to \$45 million in external grant funds this year. About a quarter of that will come from MRC." Dr Weiner said that this year there were no really big grant applications. "If we had the MRC Group in Protein Structure and Func-

tion in, that in itself would be over \$10 million. The number would be huge."

Dr Weiner said there are two main reasons for the successful grant awards. First, the funding reflects the Faculty's ability to attract good people who in turn attract funding. Second, it reflects on our efforts to improve the quality of grants that come out of here, by having internal reviews, which we feel are very important.

"So what comes out of here has already gone through a review locally to make the grant application as clear and presentable as possible. They end up doing better," he said, noting that this is done at a number of institutions, such as Toronto's Hospital for Sick Children.

"It's becoming more and more competitive."

Continued on page 5

Killam Annual Professor Stan Brown strives for detailed understanding of key chemical processes

For upwards of 20 years, or since he joined the faculty of the Department of Chemistry, Stan Brown's research has "concentrated on the detailed understanding of some of Nature's most fundamental chemical processes." In recent years, the depth of that understanding has brought him recognition both on and off campus. He was, for example, a McCalla Professor (1989-90) and was recently appointed a Killam Annual Professor for 1993-94. He received the Syntex Award of the Canadian Society for Chemistry in 1991, and the results of work conducted by he and his colleagues appears in latter-day texts on organic chemistry.

Of current interest to Dr Brown is the basic electrophilic addition of halogens such as bromine or iodine to the carbon-carbon double bond, and understanding the mechanisms for cleavage of the amide bond in aqueous media.

"The fundamental importance of these two processes is readily appreciated when one considers that the first is presented in every undergraduate textbook of organic chemistry as the most typical chemical reaction of the carbon-carbon double bond, while the second is of importance to the understanding of how peptides and proteins are broken apart, a process without which life on earth would cease to exist."

Dr Brown and colleagues have also determined the detailed mechanisms for hydrolysis of the amide unit catalyzed by both acids and bases. "These studies," he stated in his application for the Killam Annual Professorship, "have shown how the mechanism for the reaction changes as a function of changes in the structure of the amide, and as a function of whether the process is promoted by acids or bases. These are the most definitive studies on this important process."

An external contributor to this particular Killam Annual Professor selection process calls Dr Brown "the most important contributor internationally to the characterization of the hydrolysis of amides. Amide bonds hold together all of the proteins in living systems and are important in many biological and chemical reactions. He has characterized the properties of these molecules quantitatively with respect to their hydrolysis using isotopically-labeled oxygen and evaluating the properties of the steps of the reaction."

Ultimately, one hopes it (the results of one's research) becomes part of the folklore of teaching, says Dr Brown. He works with undergraduate students at every level of the four-year degree program, with classes ranging in size from 10 students to 200. "My philosophy for teaching at the undergraduate level," he says, "is to present the chemistry as an important subject bearing upon modern living." Chemistry is a very mature discipline, with well defined principles, and the material one teaches is "a filtered summary of the bulk of chemical knowledge." What Dr Brown does, then, is augment that summary by putting a modern spin on things. He might talk about ozone levels or emissions or pollution or he might work in an anecdotal compo-



Chemistry Professor Stan Brown

nent that brings chemistry and chemists into a realistic perspective.

"It is a continual challenge to hold the students' interest without sacrificing the quality of the academic content."

The best way to teach an undergraduate class, Dr Brown feels, is to present the conclusions of experimental research as the basic knowledge. In teaching and supervising graduate students, however, he prefers to present the original literature experimental data and use much of the class time to evaluate these to form conclusions consistent with the observations. "This gives the students an opportunity to actually think about what the experimental data are telling them, and to apply their background knowledge into the formulation of consistent explanations."

BOARD OF GOVERNORS BRIEFS

Notice of appointments given to Board of Governors

At the regular Board of Governors meeting last Friday, governors received for information notices of appointments and reappointments.

These are: Baha Abu-Laban, to the Department of Sociology for a three-year term, effective 1 July; Stephen Arnold, to the Department of Comparative Literature and Film Studies for a five-year term, effective 1 July; David Barnet, reappointed to the Department of Drama for a five-year term, effective 1 July; and, Betty Crown, to the Department of Human Ecology, effective 1 April to 30 June 1998.

Easements granted for city's public trail system

The University has agreed to grant the City of Edmonton easements. One easement is on the University forest preserve lands in the river valley, adjacent to the river. The city wants to upgrade the trail through that area to allow for easier public access between Kinsmen Park and Emily Murphy Park. The trail upgrade is part of the city's Ribbon of Green plan to accommodate people's recreational and leisure activities in the river valley.

The city has also asked for an easement on the University's West 240 lands, so it can continue its system of public trails through the Whitemud Ravine Nature Reserve.

University House now Alumni House

The Board Finance Committee reported for information that University House will now be officially known as Alumni House, effective 1 September.

ADDENDUM

In its listing of the recipients of the 1993 Graduate Student Teaching Awards (7 May, page 7), *Folio* omitted L Donald Watson of the Faculty of Agriculture and Forestry. *Folio* apologizes for the oversight.

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Outstanding researcher hasn't forgotten importance of teaching undergraduate students

Annual Killam Professorship awarded to Fernand Ellyin

Mechanical Engineering Professor Fernand Ellyin has a goal: he wants his undergraduate students to be genuinely interested in the subject matter. He tries to accomplish that goal by showing them the connection between course content and practical engineering applications.

"I have attempted to instill in them a desire for thorough learning and the intellectual satisfaction in doing so," says the successful 1993-94 applicant for the Killam Annual Professorship.

At the graduate level, Dr Ellyin has relied heavily on research groups. "My philosophy of the supervision of graduate students is that aside from individual meetings, much can be learned from interaction among a cohesive research group. I have, therefore, built a dynamic group, consisting of a visiting professor, three research associates, two research engineers, three PhD candidates and five MSc students."

The group has regular weekly meetings at which members present their findings, or lectures are held. Dr Ellyin says that's resulted in harmonious relations among the group. "I have thus provided my graduate students with a milieu and research tools second to none, and in turn expect them to produce first-rate work."

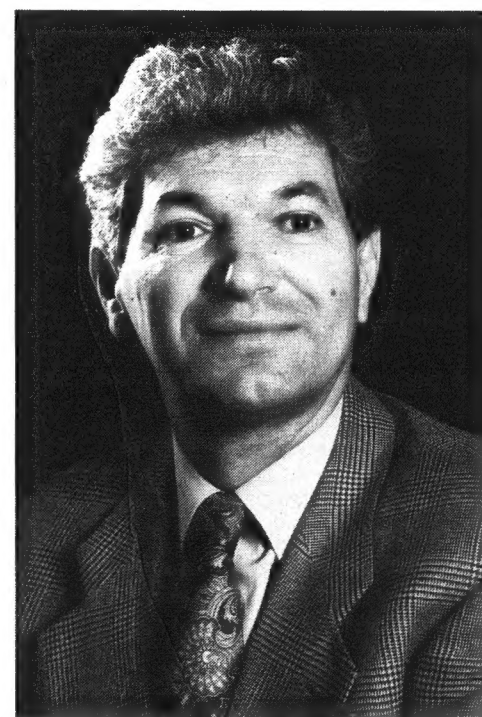
Dr Ellyin's colleagues here and around the world have also come to expect first-rate

work from him. Kenneth Naele, a professor at Université de Sherbrooke, has known Dr Ellyin for more than 20 years. "Dr Ellyin is without any doubt one of Canada's most prominent researchers in the fields of solid mechanics and materials," says the former member of the NSERC Civil Engineering Grants Selection Committee.

"In particular," says Dr Naele, "his most recent work in the fields of fatigue and advanced composite materials is very original and represents a significant contribution to these fields." In fact, Dr Ellyin has made some recent advances in the area of experimental characterization of the material properties of fibre-reinforced composites.

Dr Ellyin is also well known in industrial circles. Allen Chiu, senior specialist for conventional oil and gas research and development for Imperial Oil Resources Limited, says in the private sector Professor Ellyin is known for his personal quest to apply his research results to benefit society at large and his availability as a mentor and consultant to industry. For example, Dr Ellyin conducts on-site lectures for Syncrude engineers on pressure vessels design and lectures to Esso engineers on risk management.

Dr Ellyin has, despite a busy schedule, remained active in technical societies. His contributions to pressure vessel design codes in American Society of Mechanical Engineers



Mechanical Engineering Professor Fernand Ellyin

codes are widely accepted in industry. And according to Chiu, "Professor Ellyin's many sponsored visits to Japan have already facilitated the much needed development in methods and materials to rejuvenate our aging municipal infrastructure."



Poultry Research Centre Open House

The University's Poultry Research Station will hold an open house 27 May, noon to 5:30 pm, at the Edmonton Research Station, 60 Avenue and 115 Street. The "poultry people" will be on hand and there will be tours of the facility, demonstrations of techniques, talks directed to producer results and poster presentations of research results. Parking is free, and refreshments will be served. For further details, call FE Robinson, Department of Animal Science, 492-3234.

Meeting will look at freshwater, marine and wetland interfaces

The Environmental Research and Studies Centre advises that the American Society of Limnology and Oceanography and the Society of Wetland Scientists will conduct their first joint meeting here 30 May to 3 June. There will be 14 concurrent sessions daily and more than 850 papers will be presented on topics ranging from large rivers to restoration ecology of lakes, estuaries and wetlands to microbial foodwebs. The number to call for more information on the meeting is 492-6659.

Branch out with Friends of U of A Museums

Get to know University campus trees, with Dr Hugh Knowles. Meet at University LRT Station, 2 pm, Sunday, 30 May, weather permitting. Sponsored by Friends of U of A Museums. Everyone welcome.

Farewell reception for Bob Busch

Members of the University community are cordially invited to a reception on Tuesday, 22 June, at 4 pm, at University House, in honour of Associate Vice-President Bob Busch. Dr Busch completes his term as Associate Vice-President (Research) on 30 June. Friends and colleagues are invited to join President Davenport and Vice-President Piper in wishing Bob and BJ well.

Those wishing to mark the occasion with a gift are invited to send contributions to Katharine Moore, Executive Assistant, Office of the Vice-President (Research), at 3-12B University Hall. Cheques may be made payable to the Bob Busch Gift Fund.

Agreement *Continued from page 1*

make it clear to everyone that tenure at this University does not mean guaranteed job security, when performance doesn't warrant it.

"I have a great deal of respect for the staff at this University who have recognized that we have to demonstrate that tenure has more to do with academic freedom than job security."

The AAS:UA negotiates four agreements: the Faculty Agreement, the Administrative Professional Officer Agreement, Faculty Service Officer Agreement and the Librarians Agreement. The APO Agreement is almost ready for ratification, the FSO Agreement is in the early stages and the Librarian Agreement is not that far along in the process, said Dr Wilson. The other three agreements tend to borrow heavily from the Faculty Agreement, but there are specifics unique to each group.

On campus there are 1,710 full-time continuing faculty, 276 APOs, 38 FSOs and 72 Librarians.

On the Faculty Agreement, 760 ballots were cast; 720 voted yes, 36 voted no and four were spoiled.

Deans Clements and Tyrchniewicz remain in office

Patricia Clements, Dean of the Faculty of Arts, has been reappointed to that position, and Ed Tyrchniewicz, Dean of the former Faculty of Agriculture and Forestry, has been appointed Dean of the merged Faculties of Home Economics and Agriculture and Forestry (official name yet to be determined).

The reappointment and appointment were announced by the Board Academic Affairs and Human Resources Committee 7 May.

Dean Clements' term of office is five years (1 July 1994 to 30 June 1999); she will be on special leave for one year starting 1 July of this year.

A Professor of English, Dr Clements' initial term as Dean began 1 January 1989. She is a member of the Deans' Council Working Group on Pacific Rim Initiative, and has served on the Research Policy Committee (advisory to the Vice-President (Research)) and the President's Special Equity Review Committee.

Dean Clements was a co-editor of *A Feminist Companion to Literature in English: Women Writers from the Middle Ages to the Present*. The first international reference book to women writing in English, its 1,231 pages contain 2,700 biographical entries.

With colleagues Isobel Grundy and Shirley Neuman, Dean Clements is a founding director of the University of Alberta Research Institute for Women's Writing.

Dean Clements was elected a Fellow of the Royal Society of Canada in 1991.



Dean Patricia Clements



Dean Ed Tyrchniewicz

Dean Tyrchniewicz has led the Faculty of Agriculture and Forestry since 1988 (before his appointment, he was a Professor of Agricultural Economics at the University of Manitoba). His current academic interests are: international agricultural development, agroforestry, agricultural and grain transportation policy in Canada and organizational behaviour.

He is a Fellow of the Agricultural Institute of Canada and sits on the Alberta Agricultural

Research Institute, the American Agricultural Economics Association and the International Institute for Sustainable Development.

Dean Tyrchniewicz has published articles in *Journal of Farm Economics*, *Canadian Journal of Agricultural Economics*, and *American Journal of Agricultural Economics*. His term as Dean of the merged Faculties is from 1 April 1993 to 30 June 1998.

PhD program for Rehabilitation Medicine approved by the Board of Governors

Faculty intends to utilize interdisciplinary expertise on campus

It's a go! The Faculty of Rehabilitation Medicine's proposal to establish a PhD program in Rehabilitation Science cleared its final hurdle last Friday, when the Board of Governors gave its support for the new program.

The proposal was endorsed by General Faculties Council and the Council of the Faculty of Graduate Studies and Research.

"The Faculty of Rehabilitation Medicine fully intends to utilize the interdisciplinary expertise available on campus for students who would be admitted to our PhD program," says Acting Dean Jim Vargo.

Vice-President (Academic) John McDonald agreed to increase the Faculty's base budget in 1993-94 by \$100,000 and \$200,000 in 1994-95, subject to the approval of the program and only if the Faculty continues to agree that the program can and should proceed with less than full funding.

"This generous support from the Vice-President (Academic) will provide the Faculty with sufficient funding to admit three or four students per year, up to a maximum enrollment of 10 students by the end of year three," explains Acting Dean Vargo.

According to rehabilitation medicine professionals, there is a scarcity of qualified faculty throughout Canada. Currently, only two master's degree programs in physical therapy exist in Canada, at the U of A and Western Ontario. In 1986, the U of A started a MSc in occupational therapy, the first in the country. A multidisciplinary master's degree in rehabilitation medicine is offered at McGill University. Currently, there is only one PhD program in rehabilitation science; that's at McGill University.

The development of the PhD program at the U of A will ensure that there is an adequate number of faculty.

"The possibility of other Canadian educational programs developing doctoral programs in the near future is remote, given the scarcity of master's degree programs and the overall absence of doctoral trained faculty," says the Faculty proposal.

People in the field are also worried about substantial numbers of rehabilitation professionals who are leaving the profession each year. For example, in 1987 physical therapists and occupational therapists in Alberta had some of the highest turnover rates in health personnel, including nursing. In physical therapy, a total of 165 full-time equivalent res-

ignations occurred in 1987, and in occupational therapy, 71 full-time resignations occurred.

According to the brief presented by the Faculty in support of the PhD program, one of the major causes of attrition in physical and occupational therapy is the limited availability of postgraduate education programs. Consequently, students who want to pursue further graduate work must complete studies in related areas and often are attracted to other fields, such as psychology, business administration and medicine.

"The development of a doctoral program at the University of Alberta will provide the final level of graduate education necessary to retain people within the profession," says the brief.

Museums and Collections reminds us that next Tuesday is International Museums Day

Tuesday, 18 May, is International Museums Day, first proclaimed in 1977 by the International Council of Museums as a time for museums worldwide to bring special attention to their role in preserving the world's natural, cultural and artistic heritage.

The day is also intended to heighten the public's awareness of the museum's role in education and to demonstrate their important function in cultural exchange as a means to promote understanding and cooperation among people.

Officials with the Department of Museums and Collections Services are inviting the campus community to see the "Changing Suit" exhibit in the Home Economics Building, or visit the Palaeontology Museum or the Mineralogy/Petrology Museum, both located in the basement of Earth Sciences Building. The University has more than 40 collections in 20 academic units.

Further information and detailed maps of exhibits are available by calling the Department of Museums and Collections Services at 492-5834.

Elaine Geddes appointed Assistant Dean (Undergraduate Program) for Business

Giving undergraduates the attention they deserve will be her priority, says Dean Rodney Schneck

Elaine Geddes is blunt: "We have been disturbed to learn this year that a lot of our undergraduate students have been unhappy with the program." Geddes says the Dean in particular is very disturbed about the situation.

"There is a general feeling in the whole Faculty that we have failed in some way to make the undergraduates feel welcome and valuable and give them a valuable experience here, so we are looking at various ways we can alter a number of things, in order to provide a better experience."

Professor Geddes, who has taught in the BCom program since 1984 and felt students' anger, frustration and anxiety, has been handed a big part of those responsibilities.

"Her experience as a teacher here and in the Faculty of Law, combined with her professional qualifications, make her well-suited to take on the challenge of giving our undergraduates the attention they deserve," says Dean Rodney Schneck. "She'll be responsible for the administration of the undergraduate program and for ensuring that student experience in the program is of the highest quality."

"It [the newly created position of Assistant Dean (Undergraduate Program)] actually has a very broad mandate, and includes responsibility for nearly every aspect of the undergraduate program," she says. It will include liaison with the University, community colleges, student groups, and daily contact with students.

Dean Schneck says Professor Geddes will be an ex officio member of USPC, the Executive Council and Business Council in order to ensure full consideration of the requirements of undergraduate management education in Faculty decisionmaking.

Geddes says one of the Faculty's biggest problems is that the first-year students don't begin their studies in the Faculty. "Basically, they have no contact with us, and it does not lead, of course, to any great sense of allegiance to the Faculty. And we have a lot of transfer students who spend their first few years elsewhere, and they're not necessarily attached to the Faculty in the way they should be. We are attempting to address that, and we are considering, for example, giving students access to business courses in the first year.

"We are also considering the possibility that first-year students may not even be our students, so that their first year in business would be their second year in University," says Geddes, who was the unanimous choice

for the Faculty Undergraduate Visiting/Sessional Teaching Award this year.

"We're also considering greater access to some business courses to the University students generally," she notes, adding that would allow students to sample what goes on in the Faculty. "A great number of very capable undergraduates probably don't consider Business because they have a rather old-fashioned idea of what business courses are about. A lot of very talented people could be lost to us."

On the other hand, allowing students more exposure to business courses would help students make decisions before they've committed themselves to the program. "This would go some ways towards eliminating some of the angst and despair that some tend to feel in the later years when they're overburdened with courses."

The Faculty will have to examine many of the more functional aspects of how it provides its services. She points out, for example, that courses should be offered in such a way that students have less trouble getting in to them and don't have to choose between five or six offered at one time. On the teaching front, Professor Geddes says graduate teaching assistants aren't required to take training programs offered on campus. "I believe they should be."

She points out that the Faculty has the ability to improve the undergraduate experience. "We've got great people in all departments, great resources and great teachers. And people in this Faculty want me to succeed, and many have been very helpful."



Elaine Geddes, the new Assistant Dean (Undergraduate Program) in the Faculty of Business

Professor Geddes, who sees herself as students' advocate, says problems have existed for some time, but the undergraduate experience has suddenly become an acceptable topic to talk about.

"The Dean is very keen on making the undergraduate experience substantially better than it has been," she concludes, "and we want to do whatever is possible to make students understand that we do care about them and how they're progressing in their studies

and make them feel that this is a home for them."

Professor Geddes certainly has the first-hand knowledge of the undergraduate experience at this University. She earned her BA in '75, her law degree in '78 and her Master's of Law degree in 1990. Prior to teaching at this University, she was an instructor in business law at the Faculty of Business Administration, University of Ottawa. Before that, she worked in the House of Commons.

Engineering student a travelin' man

Shane Freeson finds a well-written paper can take you places

Good things flowed from Shane Freeson's eight months as a coop student with Mobil Oil Canada Ltd.

Freeson, a fourth-year Engineering student, was in charge of a project that blended butane with crude oil. "The crude oil was being penalized for having a high density [above 825 kilograms per cubic metre]," he says. "By blending we were able to eliminate the penalty and also realize the benefit of the price differential between butane and crude [about \$50 Cdn]."

Freeson wrote a paper based on the project and entered it in the Western Engineering Conference and Competition, hosted by the University of Saskatchewan, and the Society of Petroleum Engineers (SPE) Student Paper Contest, held at the University of Tulsa. In the first competition, he won top spot in the Corporate Design category, which brought him \$500 Cdn and the chance to compete in the national finals at the Technical University of Nova Scotia. At Tulsa, Freeson's paper was judged to be the best in the Undergraduate Division, and he received \$300 US and an invitation to compete in the international competition in Houston in October.

As luck would have it, the national finals and the SPE contest took place on the same weekend (19 March) and Freeson, talented as he is, couldn't find a way to be in two places at once. He called on classmate Jim Stannard to present his design in Halifax while he (Freeson) travelled to Tulsa. So, along about the time that Freeson was being singled out in Oklahoma, his designate and his design were getting the same royal treatment in Halifax. First place meant \$1,500 (Freeson gave \$500 of the prize money to Stannard), a plaque and a



Shane Freeson, right, a newcomer to student paper contests, topped his win in Saskatchewan with victories in Halifax (with a big assist from classmate Jim Stannard) and Tulsa.

trophy to keep for one year. The money couldn't have come at a better time, as Freeson was married 24 April and there were rings to pay for and wedding ceremony expenses to be met.

Freeson's trip to Saskatchewan and Stannard's trip to Halifax were both funded by the Faculty of Engineering. Funding for Freeson's trip to Tulsa came from donations from Mobil Oil Canada, BATT Industries,

Renaissance Energy, Edmonton SPE Chapter and Amoco Canada.

Freeson grew up in Breton, Alberta, on a farm that's close to the Breton Plots that are operated by the Department of Soil Science. He's currently living in Olds and working at the Mobil gas plant near that central Alberta town. When he returns to campus in September for his final year of study, he'll finalize plans for his trip to Houston.

Stanford's Barry Trost giving Sandin Lectures

The Job and Gertrud Tamaki Professor of Humanities and Sciences at Stanford University will present this year's Reuben Benjamin Sandin Lectures.

Barry Trost will lecture on: "The 'Chemists' Enzymes' for Regio- and Stereocontrol" (17 May, 11 am); "The 'Chemists' Enzymes' for Cycloisomerizations and Related Reaction" (18 May, 11 am); and "Atom Economy: A Goal for Catalysis" (19 May, 11 am). All lectures will be held in E1-60 Chemistry Centre.

Professor Trost is regarded as a leading figure in the field of organic chemistry, and is distinguished not only for the significance of his achievements, but also for the speed with which he established himself as an authority in the subject. He has upwards of 500 publications to his credit, most often in the area of synthetic methodology, but also including complex natural product synthesis, and mechanistic, theoretical, and structural studies.

MRC awards

Continued from page 1

Dr Weiner pointed out that many of the grants include students' stipends. "In fact, if you look at the number of graduate students in our Faculty, the result is quite impressive. Total graduate student enrollment has gone from 144 in 1983-84 to 234 in 1991-92.

"Eight years ago we relied very heavily on the Alberta Heritage Foundation for Medical Research to fund our graduate students. Fifty percent of those students were funded by AHFMR. That's down to 17 percent now. Grant support for graduate students is incredibly important—and most of that comes from MRC," explained Dr Weiner.

He pointed out that the \$11 million goes directly into the local economy. "It pays for students, postdoctoral fellows, technicians, and it buys things from local suppliers who employ other people. The bulk of that money is spent on salaries.

"So when we get in this Faculty between \$43 to \$45 million a year in grant support, it is spent in the local economy."

Dr Weiner said the increased funding over the last decade is largely attributed to the support from AHFMR. "It allowed us to hire lots of new people. They get grants and they in turn hire more people."

Those good people are also attracting more industry funding. In 1983-84, the Faculty received \$359,525; in 1990-91, the Faculty received \$4,380,410. "That's over a ten-fold increase." And legislative changes have also helped. He said the pharmaceutical companies have been encouraged to spend more on research and development as a result of those changes.

Dr Weiner predicted that the legislative changes would make Canada a much more competitive player in the world. "We're still below the other G-7 countries, but it's getting better."

Asked whether there is an increasing emphasis on interdisciplinary research, Dr Weiner said MRC would like to see more of that kind of research. "There is certainly an emphasis in MRC's new strategic plan to push more interdisciplinary research. We're making a lot of efforts here to develop some of that. It takes time.

"And certainly there's an effort to have more collaboration. MRC likes things like groups and programs, which involve people from clinical departments and basic departments working together to solve common medical problems."

Getting seven MRC Scholarships—the most by any one university in the country—certainly affects morale, he said. However, money for research is tough to get. "Everyone's worried about getting grants and writing multiple applications. Obviously, we'd like to see that MRC funding ratio back where it used to be at 75 percent, instead of 62 percent. There just isn't the money anymore. People would feel a lot more stable if they knew there was more funding."

The substantial funding the Faculty receives also helps teaching, he pointed out. "Clearly, investigators here are at the forefront of their fields; they go to meetings, they know what's happening, they're writing papers, they're reading the literature, and that's imparted to students.

"The students are in an environment where things are happening."

Table 1 Biomedical research funding

	83/84	84/85	85/86	86/87	87/88	88/89	89/90	90/91
MRC**	\$4,393,879	\$6,004,443	\$6,199,162	\$6,783,047	\$7,101,932	\$7,509,563	\$10,152,840	\$14,736,694*
NCI	983,340	1,271,684	1,606,011	1,818,305	1,823,807	1,746,661	1,624,380	2,669,780
CHF + AHF	452,831	611,763	714,209	626,165	872,550	1,139,527	1,328,013	1,482,611
AHFMR	8,815,282	10,853,238	11,994,607	12,668,440	12,403,928	12,508,013	12,087,377	10,392,781
INDUSTRY	359,525	399,850	1,190,714	2,231,272	2,143,574	4,067,261	5,306,872	4,380,410
OTHER +	4,925,512	4,874,560	6,128,049	7,057,269	8,060,221	7,748,336	7,549,329	9,492,112
	<u>19,930,369</u>	<u>24,015,538</u>	<u>27,832,752</u>	<u>31,184,498</u>	<u>32,406,012</u>	<u>34,719,361</u>	<u>38,048,811</u>	<u>43,154,388</u>

* = The MRC total includes the NCE funds of \$1,709,597 but this is not included as a % of the total MRC budget.
MRC = Medical Research Council, NCI = National Cancer Institute, CHF + AHF = Canadian and Alberta Heart & Stroke Foundation
AHFMR = Alberta Heritage Foundation for Medical Research
+ Other = Various provincial & federal voluntary agencies and university.

% AHFMR	44.2%	45.2%	43.1%	40.6%	38.3%	36.0%	31.8%	24.1%
Operating Funds (\$Million)	10.0	11.8	14.3	16.7	18.0	20.0	23.4	27.5
** The Faculty of Medicine's % of the total national MRC Budget	3.5%	3.9%	3.9%	4.1%	4.2%	4.2%	5.1%	6.1%*

Table 7 Funding sources for graduate student support in the Faculty of Medicine

	85/86		88/89		90/91		91/92	
AHFMR	83	(50%)	71	(37%)	52.5	(27%)	40	(17%)
MRC	03	(1.8%)	06	(3.2%)	10	(5%)	16	(7%)
Other ext. awards	03	(1.8%)	12	(6.3%)	13.5	(7%)	13	(6%)
Research grants	14	(8.5%)	28	(14.9%)	47.5	(24%)	68.5	(30%)
GTA/GRA monies	24	(14.5%)	26	(13.8%)	28.5	(15%)	28.5	(12%)
Other (dept. funds residency training program, local sources etc)	38	(23.4%)	45	(24.8%)	19	(10%)	53	(23%)
75th Anniv. Grad. Awards					10*	(5%)	4**	(1%)
UofA PhD Scholarships					3	(2%)	5	(2%)
Self/Not funded					10	(5%)	4	(2%)
	<u>165</u>		<u>188</u>		<u>195</u>		<u>234</u>	

*50% of this is Faculty of Medicine money and 50% research trust funds.
**Does not include students funded by Oct. '91 Competition.

LAURELS

- Colette Dumont, Piali Das Gupta, Laura-Leah Fraser, Nancy Frost, Katrina Haymond and Sean Kennedy are among the recipients of the Charles S Noble Award for Student Leadership for the 1992-93 academic year. They will each receive a commemorative plaque, a letter of commendation and a \$300 cheque.
- Arlene Ponting and Cheryl Cox have been awarded the 1993 Canadian Pharmaceutical Association Award of Achievement for their program development in continuing pharmacy education.
- Alvin Schrader, Associate Professor, School of Library and Information Studies, has been invited to give lectures in Hong Kong and Tokyo on censorship and Canadian public libraries, 12 and 16 May.



Intersession '93 got under way 3 May, and students and staff found one of the most delightful places to eat their lunches was in the Quad. The Spring intersession runs from 3 May to 11 June. Summer term starts 5 July and runs to 13 August. Here students relax after classes.

Student services must be at heart of postsecondary institutions

Peter Miller addresses 10th annual Alberta Services for Students Conference

Student services should not languish on the edge of darkness under constant threat of elimination, says Dean of Student Services Peter Miller. Rather, student services should be strong, relevant, secure and central to the institution.

Addressing the 10th annual Alberta Services for Students Conference last week, Dr Miller said, "The secret of achieving this enviable position lies not so much in what student services does, not so much in the content of its actual programming, but rather in how it thinks, talks and writes about what it is doing."

The Dean said, "Unfortunately, all too often, student services professionals tend to marginalize themselves and their programs by describing and evaluating their activities in terms which have meaning and significance for themselves but which are largely irrelevant to the rest of the institution."

"The North American tradition of viewing and describing student services as a kind of humanistic counterculture to the purely intellectual mainstream teaching and research activities of the institution is to some extent to blame for this state of affairs," the Dean said in his opening address to some 300 student services professionals from institutions all over the province and some beyond the province.

"The implication that somehow student services has a different and more noble goal than the rest of the institution, that we minister to the development of the whole person while academics just deal with the head, drives a disastrous wedge between student services and the rest of the institution."

Dr Miller said there are three critical social-political questions within postsecondary education: To whom is postsecondary education accessible? Who succeeds and who fails in postsecondary education? And who is employed upon leaving the institution and in what kind of job? Average academics and administrators say the most intelligent and hardworking students get to attend, are most likely to succeed and get the best jobs.

Yet, said Dr Miller, institutions know very little about student demographics, lack information about career paths, and have very little knowledge about participation rates. There is virtually a complete lack of interest in investigating these three questions in any systematic way, he said. Dr Miller acknowledged, however, that the University of Alberta's recent Strategic Planning Task Force draft report calls for tracking University graduates.

"Student Services is best equipped—perhaps uniquely equipped—to address these questions because it alone asks them and approaches them with the appropriate value system," he said. "For when you consider these vital questions, it is clear that they are both asked and intended to be answered from a perspective which accords them not only educational but social significance."

"Institutions that fail to deal with issues of accessibility, academic performance and employability, in a serious and responsible manner, will quickly lose social and political support," he said. "These [issues] are also the defining parameters of the territory and mandate of Student Services."



Peter Miller

The Dean said the most effective means of carrying out the mission of student services is to get under way and maintain a three-stage cyclical process of research activity, policy development and program initiation and development.

In another keynote address, Jim MacNeil, director of Student Services at Mount Royal College, said he agreed with Dr Miller. Student services has to be close to institutional power. "We have to realize that we [student services] are complementary, not ancillary," he said.

Dr MacNeil said postsecondary institutions are going to change dramatically in the next decade, and they will have to adopt very different ways of delivering education. Student services will also have to change the way it serves students.

Advanced Education a government priority

More money injected into student finance

The operating budget for the Department of Advanced Education and Career Development for 1993-94 will be \$1.17 billion.

According to Treasurer Jim Dinning, that's a net increase of \$48 million over the government's comparable 1992-93 forecast.

The department's capital investment budget is projected to be \$96 million, representing a net decrease of \$17 million from the government's comparable 1992-93 forecast. Consolidated expenditures for the department are \$1.266 billion, representing a net increase of \$31 million over the comparable 1992-93 forecast.

In bringing down the provincial budget last week, the Provincial Treasurer announced that this fall the government will set out multi-year funding targets for all government departments and for schools, hospitals and postsecondary institutions.

He questioned whether the structure governing the education and postsecondary education system was serving students well. To achieve the best possible education at a reasonable cost, "we will turn to the basic education and postsecondary communities, to engage them and authorize them to carry out a review process with known spending targets and a clear objective: practical strategies for doing the job better."

Other highlights in Advanced Education and Career Development's budget include:

- \$4 million in savings as a result of departmental amalgamation and the early voluntary options program;
- a \$17 million increase for the Students Finance Board to cover higher costs of interest payments on outstanding loans, grant awards to students, guarantees paid on student loans and remission;

- the maximum amount of financial assistance available to students in each year will be increased by \$350 to recognize tuition fee increases and a \$40 per month increase in student living allowances;

- a \$32 million increase for the Students Finance Board to pay financial assistance to students who were formerly supported under the Support for Independence Program of Family and Social Services; the provision of financial assistance to students in postsecondary institutions will be consolidated in the Students Finance Board;

- a \$2 million savings because of the elimination of the Endowment and Incentive Fund Program;

- \$2 million in savings because of the completion of the four-year Government Apprenticeship Program;

- \$1 million in savings in the administration and delivery of apprenticeship and industry training activities;

- the allocation of \$500,000 to consult the public on the direction of adult education in the province;

- a \$2 million increase in grants to institutions to pay the costs of operating completed buildings;

- a \$600,000 increase for private colleges;
- \$3 million in savings in regional and sectoral training programs; and,

- a \$2 million reduction owing to reduced direct purchase of adult development programming by the federal government.

On the capital side, the government expects there will be a \$9 million reduction in funding required for ongoing construction of projects at postsecondary institutions. The government also expects to save \$5 million in Capital Renewal Funding grants paid to postsecondary institutions.

LETTERS

Buzzing sound traced to Folio

It's too early in spring for bees to be about, but I heard a lot of buzzing when I picked up the 7 May issue of *Folio*. I quote from the article "Service initiative models developed at Administrative Council Retreat": "... initiative ... community ... mission ... capabilities ... enhancing ... operational infrastructure...come to the fore ... human systems ... information technology ... roles ... behaviours ... to drive ... initiative ... developed ... models ... performance management ... measurements ... indicators ... relationships ... process effectiveness ... coordinate ... commitments ... collaboration ... re-focusing ... excited ... win-win."

As a piece of feel-good bureaubabble this is admirable—a little hive of management buzz-words. I hope the participants learned how "an operational infrastructure" comes "to the fore," because it's a mystery to me. I wish, too, that I'd had a chance to see a senior administrator being "very excited." And to think that the "service community" had two days of this kind of thing at their retreat, at a time when even governments and lawyers are promoting use of plain English!

Does all the jargon I quoted mean anything more than "the administrators heard about how to do a better job"? No wonder the rest of us have difficulty understanding what's being done to us by the University administration—oops, I mean how our "behaviours" in the University's "human systems" are being "enhanced" and "developed."

Gary Kelly,
Professor of English

DEVELOPMENT OF INSTRUCTIONAL COMPUTING IS SUBJECT OF INFORMATION SESSION

A general information session on instructional computing will be held 26 May, 9 am to noon, in 2-115 Education North.

There are two purposes for the event: to announce the opening of the Canadian Centre for the Development of Instructional Computing (CCDIC), a joint project sponsored by the Faculty of Education and Computing and Network Services, and to discuss some of the projects that are already under way at the Centre.

The goals of CCDIC are: to act as a focal point for instructional computing resources on campus; to provide assistance in the design and development of instructional software; and to act as a clearing house for instructional software developed at the University.

By means of seminars such as this information session, and through demonstrations at its quarters on the third floor of Education North, CCDIC hopes to generate interest in the use of computers to aid instruction.

Additional details on the information session can be obtained by calling Milt Petruk at 492-3762, or Bob Fedun at 492-9345.

Lecture to focus on advanced industrial materials

The second lecture of the Canadian Utilities Distinguished Lectureship Series will take place 27 May.

The speaker is GC Weatherly, of McMaster University's Department of Materials Science and Engineering; his topic is "Advanced Industrial Materials: What Should We Be Doing?"

Dr Weatherly's lecture will be at 2:30 pm in 2-1 Mechanical Engineering Building.

Dr Weatherly is also a member of McMaster's interdisciplinary Institute for Materials Research. His current research interests include the applications of electron microscopy to the study of advanced electronic materials, nuclear materials, quasicrystals and intermetallic compounds.

While at the University of Toronto in the 1970s and '80s, he was involved in the establishment of the Ontario Centre for Materials Research. Professor Weatherly was awarded the Canadian Metal Physics Medal in 1988.

The Canadian Utilities Limited Distinguished Lectureship Series is made possible by the generous gift of Canadian Utilities Limited to the Faculty of Engineering's 75th Anniversary Campaign, Bridge to the 21st Century.

TALKS



ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

21 May, 3:30 pm

MR El-Gewely, director, Biotechnology Centre, University of Tromsø, Norway, "Genetic Approaches to Protein Engineering Using the trp Repressor of *E. coli*." Presented by Genetics. G-116 Biological Sciences Centre.

BOTANY

8 June, 10:30 am

Shunguo Liu, "A Chemosystematic Study of *Kalmia L.* (Ericaceae) Using Flavonoid Characters." M-149 Biological Sciences Centre.

CAMPUS PRESBYTERIAN COMMUNITY

14 May, 7 pm

"Bridging the Gap: A Forum on Working Towards a Cohesive Christian Community." Panel: Ronda Bosch, Student Life Director, The King's College; David Kilgour, Member of Parliament, Edmonton Southeast; Eric McCuaig, Member, University Senate; Sheila Soder, Chairperson, Synod Youth Executive; Derek McLeod, Student and Lay Missionary; Rev John Rhoad, Minister and Chairperson, Chaplaincy Support Committee. Tentative: Ted Roberts, Director of Medicine, University of Alberta Hospitals; Jan Vallance, Professor of Education, University of Alberta. Moderator: Colin Penman, Convenor, Synod Youth Ministry Committee. Information: Pauline Grant, Chaplain, 492-7524. L-1 Humanities Centre.

CENTRE FOR WELL-BEING

17 May, 9 am

Steven Blair, director of epidemiology, Institute for Aerobic Research, Dallas, "Physical Activity, Fitness and Mortality." RSVP: 453-8692. E-120 Van Vliet Centre.

17 May, 4:30 pm

Steven Blair, "Physical Activity: Implications and Recommendations for Public Health." E-121 Van Vliet Centre.

CHEMISTRY

28 May, 11 am

Juan J Perez, Computational Pharmacology Division, Molecular Research Institute, Palo Alto, California, "An Antigenic Loop of a Virus and Opiate Peptides: Two Examples of Computational Conformational Exploration." E3-25 Chemistry Building.

GENETICS AND PLANT SCIENCE

26 May, 4 pm

Raymond Hammerschmidt, Department of Botany and Plant Pathology, Michigan State University, "Systemic Acquired Resistance to Disease in Cucumber." M-145 Biological Sciences Centre.

LIPID AND LIPOPROTEIN RESEARCH GROUP

17 May, 1:30 pm

Alan Attie, Departments of Biochemistry and Comparative Biosciences, University of Wisconsin-Madison, "New Insights into Lipoproteins from Studies in Mutant Chickens and Insect Larvae." Westridge Park Lodge, Devon.

18 May, 1:30 pm

Denis McGarry, Department of Internal Medicine, University of Texas, Southwestern Medical Center, Dallas, "Probing the Mysteries of the Carnitine Palmitoyltransferase Enzyme System." Westridge Park Lodge, Devon.

NURSING

17 May, 4 pm

Mary A Alexander, professor emeritus, College of Nursing, University of Arizona, "A Global Perspective of Nursing." Bernard Snell Hall, Mackenzie Health Sciences Centre.

PERINATAL RESEARCH CENTRE

18 May, noon

Rick Schulz, "Beneficial and Detrimental Roles of Nitric Oxide in the Heart and Blood

Vessels." 2J4.02 Mackenzie Health Sciences Centre.

25 May, noon

Anila Verma, "Gestational Diabetes and Fetal Macrosomia." 2J4.02 Mackenzie Health Sciences Centre.

PHYSICS

14 May, 2 pm

John Bahr, University of Otago, Dunedin, New Zealand, "The MSc (Electronics) Program at the University of Otago." V-129 V-Wing.

EVENTS



EXHIBITIONS

BRUCE PEEL SPECIAL COLLECTIONS LIBRARY

Until 28 May

"How Can You Take Your Little Grocer's Shop So Seriously?"—an exhibition of books printed and published by Virginia and Leonard Woolf at the Hogarth Press. Hours: Monday to Friday, 8:30 am to 4:30 pm. B7 Rutherford South.

CLOTHING AND TEXTILES COLLECTION

Until 18 June

"Changing Suit: The Evolution of Men's Business Wear 1955-85"—an exhibition of men's wear from the collection. Hours: Monday to Friday, 8:30 am to 5 pm. Basement, Home Economics Building.

EXTENSION CENTRE GALLERY

Until 18 June

"Students' Work 1992-93"—an exhibition of works by Faculty of Extension students during the past year. Gallery hours: Monday to Friday, 9 am to 4 pm. Information: 492-3034. 2-54 University Extension Centre.

FAB GALLERY

Until 23 May

"I.D.E.A.S."—an exhibition of industrial design by student from the Department of Art and Design's Division of Design Studies. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; closed Saturday, Monday and statutory holidays. 1-1 Fine Arts Building.

McMULLEN GALLERY

Until 3 July

"Contributions from the Shadow"—an exhibition featuring the paintings, drawings, sculpture, photography and fibre art of Albertans who have had or are still coping with a mental illness. Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm; evenings subject to availability of volunteers. Information: 492-8428 or 492-4211. Mackenzie Health Sciences Centre.

MUSIC

EDMONTON YOUTH ORCHESTRA

23 May, 3 pm

Intermediate Orchestra. \$5 adults, \$3 seniors and students. Convocation Hall.

30 May, 3 pm

Senior Orchestra. \$5 adults, \$3 seniors and students. Convocation Hall.

POSITIONS



The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

ACADEMIC STAFF

EXECUTIVE ASSISTANT TO THE DEAN OF NURSING

The Faculty of Nursing at the University of Alberta invites applications for the position of **Executive Assistant to the Dean**, to begin 1 July 1993. Reporting directly to the Dean, the Executive Assistant is accountable for the planning, establishment and maintenance of an administrative support system to facilitate the teaching and research functions of the Faculty. The successful applicant will have a university degree and wide experience in the field, especially in the area of budget control and preferably from the University of Alberta. S/he will possess excellent communication skills, both written and oral. Salary range: \$37,809 to \$56,709 per year.

Applications, including *curriculum vitae* and the names of three referees, should be forwarded to: Dr M J Wood, Dean, Faculty of Nursing, University of Alberta, 3-129 Clinical Sciences Building, Edmonton, Alberta T6G 2G3, **before 1 June 1993.**

SUPPORT STAFF

To obtain information on support staff positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. You can also call the Job Information Line at 492-7205 (24 hours) or consult the weekly Employment Opportunities Bulletin.



ACCOMMODATIONS AVAILABLE

VICTORIA PROPERTIES - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call (604) 595-3200, Lois Dutton, Re/Max, Ports West, Victoria, BC.

MICHENER PARK - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. All enquiries welcome, 492-7044.

RENT - Belgravia, near University. Furnished, four bedrooms, study, fireplace, deck. \$1,200/month. September 1993 - summer 1994. 433-4439.

RENT - University area, luxurious condo. Two bedrooms, den, 2 1/2 baths, fireplace, heated garage, mostly furnished. 1 June 1993 - 1 August 1994. 439-6862, Herman Schultz, 432-0470.

RENT - North Windsor Park. Furnished, two plus two bungalow, very spacious. Hardwood floors throughout. Quiet, treed lot. Available 1 August, negotiable one year. \$1,400/month, 439-0467.

RENT - Windsor Park, July to August. Fully furnished, four bedroom house. \$1,000/month, 433-7165 evenings.

SALE - Windsor Park. Super three bedroom bungalow. Fully finished basement, double detached garage, two full baths. Great

Campus Recreation major player in Canada's FitWeek activities

For the 11th year, the University will take the lead in sponsoring Canada's FitWeek celebrations in Edmonton.

Since 1982, Campus Recreation has offered a fun-filled mix of activities to campus people. In collaboration with the City of Edmonton Recreation programs, the University has been a leader in having its students and faculty involved in 15 minutes of some kind of physical activity.

The year, the activities will be held during five days, from 31 May to 4 June. Most of those activities will be held during noon hour.

The activities include spring ice skating, volleyball in the Quad, bench stepping in the Quad, a fit-walk around campus, frisbee golf in the Quad, and stretch and tone fitness classes in the Quad. The swimming pool will be open to all from 11 to 1 for a drop-in swim.

"While the intent is to involve all those who would like to be involved, it is possible to bring just your lunch and watch," says Art Burgess (Athletics). For more information, call 492-5607.

SELECTION COMMITTEE FOR THE DEAN OF STUDENT SERVICES

A selection committee for the Dean of Student Services is being established. The GFC Nominating Committee requires for this committee three (3) academic staff representatives from categories A1.0 or A2.0, elected by and from GFC, who are not affiliated with a unit that relates to Student Services and two (2) fulltime students, graduate or undergraduate, elected by GFC. For category definitions, see Section 5 of the GFC Policy Manual. In brief, categories A1.0 and A2.0 include full- and part-time continuing and temporary academic staff. If you have any questions regarding the categories of staff and/or eligibility to serve on this committee, contact Ms V Pemberton-Pigott, Coordinator, GFC Nominating Committee, 2.5 University Hall (extension 1938).

If you wish to submit a nomination, please forward a letter of nomination and a brief résumé to Ms Pemberton-Pigott at the above-noted address by Wednesday, 26 May 1993.

southwest yard. Walk to University. Asking \$178,000. Joan Lynch, Re/Max, 433-9025, 438-7000.

SALE - Belgravia. Immaculate, upgraded, two bedroom bungalow. Gleaming hardwood floors, gorgeous neutral carpeting. Double detached garage, fully finished basement, large lot. Asking \$184,800. Joan Lynch, Re/Max, 433-9025, 438-7000.

SALE - Windsor Park, cozy 1,198' bungalow. Super basement, hardwood on main and basement. Large master bedroom, den, three bedrooms in basement. Double garage. \$189,000. Joan Lynch, Re/Max, 433-9025, 438-7000.

RENT - Hearthstone, furnished townhome. 20 June - 1 September 1993. \$900/month. No smokers, no pets. 435-4388.

RENT - Attractive executive home, Strathearn Drive. Spacious studio, view, furnished. Sabbatical 1993 - 1994. Phone 469-4992.

RENT - Glenora. Fully furnished, two bedroom bungalow. Fireplace, 1 1/2 baths, double garage, fenced yard. No pets. Available 1 July, \$850, 451-6178.

SALE - Minutes from University. Four bedroom, split-level family home, \$174,900. Excellent condition and location in fabulous Laurier Heights. Close to all amenities, outstanding upgrades throughout. Jeanne, Sutton Northstar, 483-5029, 455-0777.

SALE - Grandview Heights, custom-built, two storey, offers four bedrooms, den, main floor family room, hardwood floors. Quality plus. \$425,000. Call today. Beth Siegel, Royal LePage, 487-9092, 455-4181.

RENT - July through December. McKernan, three bedroom semi-bungalow, furnished. Excellent school. Bike or walk to campus. Nonsmokers. \$650/month or best offer. 435-8209 or 492-5258.

ST ALBERT - Executive lifestyle, family neighbourhoods, extensive parks and recreational facilities, just a short drive from the University. For ethical, enthusiastic service, call Ginny Morgan at Royal LePage Realty, 458-5595.

RENT - Pleasant bungalow in private garden. Two bedrooms up, one down. Oliver district, 121 street. \$750/month. Twelve minutes to University. Available after 20 June, 451-4318 (work), 483-4863 (home).

RENT - Large, four bedroom house in Riverbend, from September. Physician on sabbatical. Ideal for children, large yard, \$1,800/monthly. Fully furnished. Phone 438-4107.

RENT - Garneau, six bedroom bungalow. Lots of parking, two bathrooms, two fridges, washer and dryer. \$1,500/month. Available 1 July, 436-7371.

SALE - Garneau, character home. Two storey, extra large living, dining rooms and bedrooms. Hardwood floors, two-tiered deck, lots of upgrades. \$174,500. Call Patti Proctor, Spencer Real Estate, 483-7170 (24 hours).

RENT - 1 September - 30 June 1994. Large, fully furnished house in west end. \$1,500/month, includes all utilities and lawn care. 492-3530, day, 487-1238, evenings.

RENT - Executive home near University. Fully furnished, 3,000', air conditioning, nine appliances. Double garage. Rent \$1,500/month. Steve, 454-3819.

RENT - Riverbend, townhouse (Hearthstone), three bedrooms, 2 1/2 bathrooms, fireplace, fully developed basement, garage. No pets. Nonsmokers preferred. \$900/month. 492-0816, 437-1095.

SALE - Old Strathcona, Millcreek. Beautifully renovated 1 1/2 storey on huge 63' corner lot. \$177,600. Call Doug Mundell, Canada Trust Realty, 483-0601.

RENT - Old Strathcona, three bedroom, furnished main floor suite. Hardwood floors. Utilities included. Available 1 September. 434-6287.

RENT - Old Strathcona, two bedroom, private entry suite. Hardwood floors. Available 1 August. 434-6287.

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MATURE PROFESSIONAL COUPLE (NO CHILDREN) - Wish to rent a charming accommodation within walking distance of University/Strathcona. 497-7448.

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MARK EHRMAN CABINET SERVICES - Custom designs or made to match existing. References available. 463-0889.

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Luxury, custom designed & decorated; A/C; gas fireplace; open; bright kitchen/dining; office/storage; 2 bedrooms, 2 baths; 5 appliances; low rise; elevator; 1 1/2 years old; 1158 sq. ft.; low condo fees; covered parking; \$129,900; #301, 8503 - 108 St.; (403) 439-8829 for appt.

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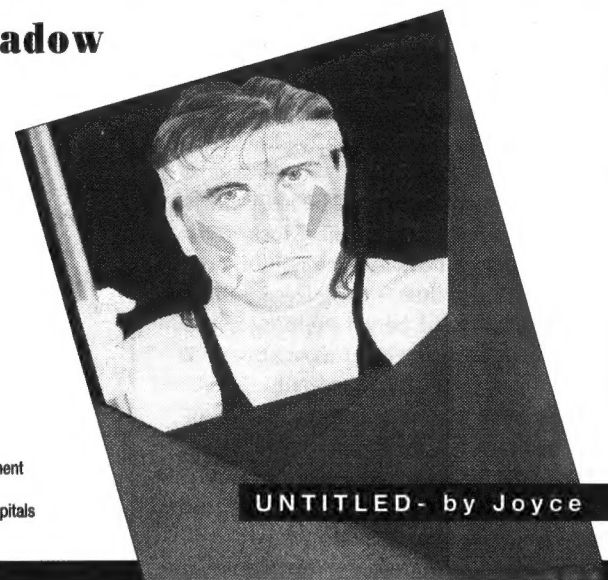
art from out of the shadow
of mental illness

MAY 1 to JULY 3, 1993

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